

# LANs DC/DC Converter

## Model No. DC-109

YCL

### Specifications: At 25.

#### Input Specifications:

1. Input Voltage: 11.4-12.6Vdc.
2. Input Filter: Capacitor Type.
3. Input Current:
  - No Load: 25mA.
  - Full Load: 200mA.

#### Output Specifications:

1. Output Voltage & Current: -9Vdc/200 mA.
2. Voltage Accuracy: +/-5% max.
3. Line Regulation(at full load condition): +/-5% max.
4. Load Regulation(at full load to 1/2 load): +/-10% max.
5. Temperature Coefficient: +/-0.05%/ max.
6. Ripple & Noise(20MHz BW): 90mV max.
7. Short Circuit Protection: Momentary.

#### General Specifications:

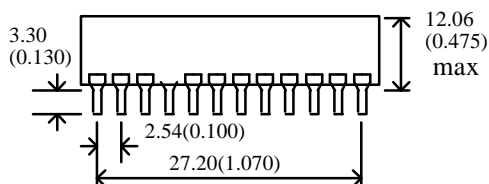
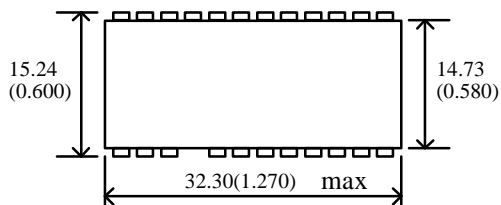
1. Isolation Voltage: 500Vdc.
2. Efficiency: 75% typical.
3. Switching Frequency: 25KHz min.
4. Isolation Resistance: 1000M ohms.

#### Environmental Specifications:

1. Operating Temperature: -20 to + 71degree C.
2. Storage Temperature: -40 to +105 degree C.
3. Cooling: Free air convection.
4. Derating: None.
5. Humidity Non-Condensing: 20 to 95% RH.

Dimensions: mm(inch)+/-0.25(0.010)

Pin Connection:



Pin	Function
1&24	+input
10&15	-output
11&14	+output
12&13	-input

Others no connections

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Drawing no.: DC-109

REV: 3

Page: 1/ 1